


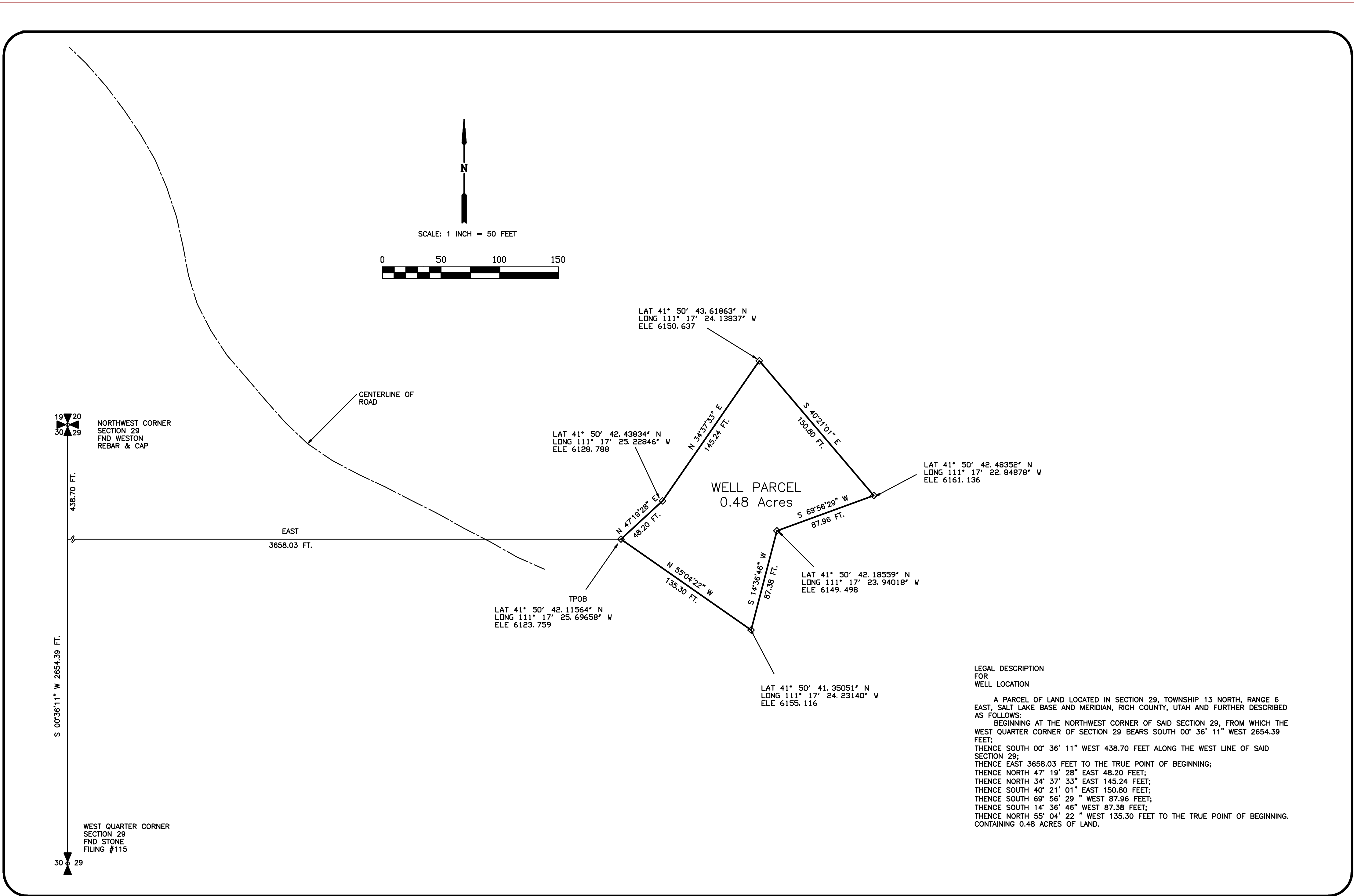
STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER NAT -1				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT				
4. TYPE OF WELL Test Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR DOSECC EXPLORATION SERVICES, LLC						7. OPERATOR PHONE 801 538-2150				
8. ADDRESS OF OPERATOR 2075 S. Pioneer Rd., Salt Lake City, UT, 84104						9. OPERATOR E-MAIL dnielson@dosecc.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) private			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Clark Siddoway						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-946-8960				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 252, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		363 FNL 1545 FEL		NWNE	29	13.0 N	6.0 E	S		
Top of Uppermost Producing Zone		363 FNL 1545 FEL		NWNE	29	13.0 N	6.0 E	S		
At Total Depth		363 FNL 1545 FEL		NWNE	29	13.0 N	6.0 E	S		
21. COUNTY RICH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1000			23. NUMBER OF ACRES IN DRILLING UNIT 5				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 3			26. PROPOSED DEPTH MD: 1000 TVD: 1000				
27. ELEVATION - GROUND LEVEL 6208			28. BOND NUMBER 9098309369			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE municipal				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	24	16	0 - 40	75.0	J-55 Buttress	0.0	Class A	94	5.2	15.4
Surf	14.75	10.75	0 - 1010	40.5	L-80 LT&C	0.0	Class G	465	1.15	15.8
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Dennis L. Nielson				TITLE President			PHONE 801 538-2150			
SIGNATURE				DATE 11/25/2014			EMAIL dnielson@dosecc.com			
API NUMBER ASSIGNED 43033500060000				APPROVAL  Permit Manager						

NAT site LAKETOWN, UTAH

DRILLING ENGINEER: Chris Delahunty

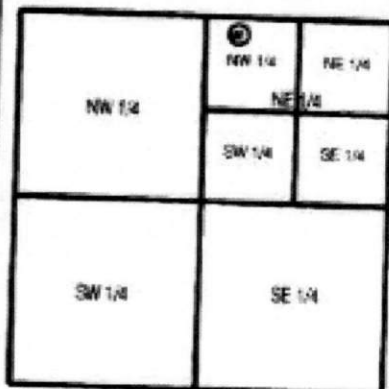
DRILL PLAN: START DATE TBD (11/24 -12/08)

- 1.) AUGER: 24" hole to 40 fbs
- 2.) RIH: 16.00" OD X 15.124" ID 75.00# conductor casing to 40 fbs. (COLD WEATHER SPEC CASING TO -50°C) One joint, no welds no threads.
- 3.) PUMP: Cement (Portland) 8 bbl behind 16.00" Casing
- 4.) DRILL AHEAD: 14.75" hole to 1010 fbs.
- 5.) RIH: 10.75" OD X 10.050" ID 40.50# intermediate casing to 1010 fbs. (COLD WEATHER SPEC CASING TO -50°C). Buttress style joints. Install a float shoe @ 1005fbs.
- 6.) PUMP: Premium Calss G Cement 102.6 bbl around 10.75" Casing chase with a cement pump plug. Verify that the float shoe is holding. Perform top job if necessary.
- 9.) RIH: 5.50" OD X 4.25" ID 32.60# liner that has been capped on bottom to 1005 fbs. (COLD WEATHER SPEC CASING TO -50°C). Buttress joints with the couple shoulder beveled on top and bottom. Utilize a non concentric spacer to allow the dip tube and thermistor string tube to be installed later.
- 10.) Hang casing on the 10.75" off center.
- 11.) RIH: 2" copper tubing and 1" copper tubing for coolant and Thermistor tubes.
- 12.) Install wellhead



LAND SURVEYORS	EXHIBIT MAP FOR	LEGEND	SURVEYOR'S CERTIFICATE	RECORDER'S CERTIFICATE
A. A. HUDSON AND ASSOCIATES 132 SOUTH STATE PRESTON, IDAHO 83263 (208)852-1155	DENNIS NIELSON SECTION 29, TOWNSHIP 13 NORTH, RANGE 6 EAST, SL BASE & MERIDIAN RICH COUNTY, UTAH	— x — EXISTING FENCE — — — DEED (RECORD) LINE BY RECORD SECTION CORNER FOUND SECTION 1/4 CORNER • SET BY THIS SURVEY 5/8" REBAR W/ AL. CAP ○ FOUND BY THIS SURVEY 5/8" REBAR W/ CAP ◇ NOT SET OR FOUND	I, TIMOTHY LYNN CHRISTENSEN DO HEREBY CERTIFY THAT I AM A LICENSED LAND SURVEYOR IN THE STATE OF IDAHO, THAT I HOLD CERTIFICATE NUMBER 13173 AND THAT BY THE AUTHORITY OF THE OWNERS OF THIS PROPERTY I HAVE CAUSED A SURVEY TO BE MADE AS SHOWN AND DESCRIBED ON THIS PLAT. DATE _____ TIMOTHY LYNN CHRISTENSEN	INSTRUMENT NO. _____ DATE _____ TIME _____ RECORD OF SURVEY NO. _____ REQUESTED BY _____ RECORDED BY _____ FEE _____
REVISIONS 1 SURVEYED BY: BV 2 OFFICE WORK BY: BV, MP FIELD BOOK NO. _____ PROJECT NO. 14172 COMPLETION DATE OCT. 2014				

DRAWING: 14172.dwg



THE WELL IS LOCATED IN
THE NW 1/4 NE 1/4 OF SEC
20, T 13 N, R 6 E, S1M

QUANTITY OF WATER

(Provided by Division of Water Rights)

Q_{Well} = 1.41 cfs

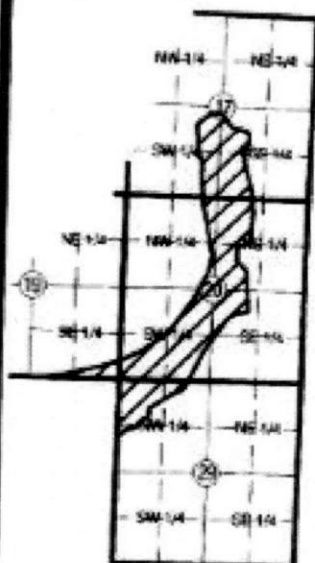
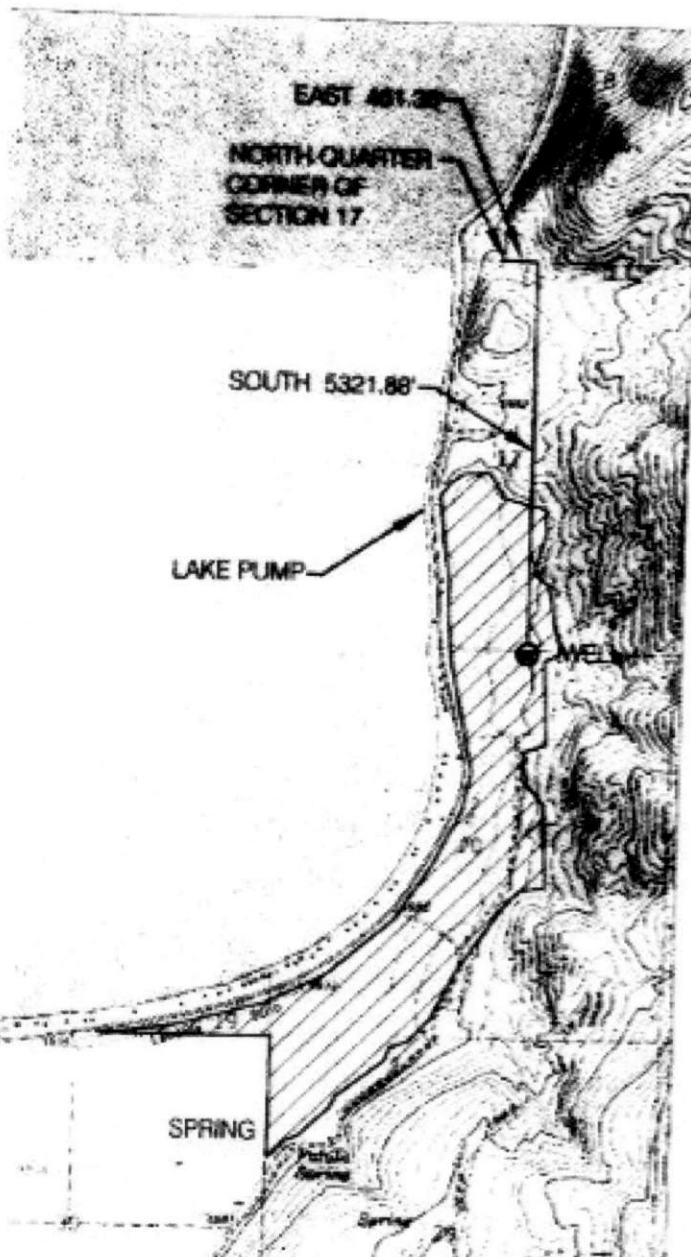
Q_{Spring} = 1.79 cfs

Q_{Lake Pump} = 1.48 cfs

GPS WELL LOCATION

Latitude: 41° 51' 39.0186"

Longitude: 111° 17' 30.4262"

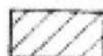


THE IRRIGATED AREAS ARE LOCATED IN:

NE 1/4 of SW 1/4 of Sec. 17
NW 1/4 of SE 1/4 of Sec. 17
SE 1/4 of SW 1/4 of Sec. 17
SW 1/4 of SE 1/4 of Sec. 17
NE 1/4 of NW 1/4 of Sec. 20
NW 1/4 of NE 1/4 of Sec. 20
SE 1/4 of NW 1/4 of Sec. 20
SW 1/4 of NE 1/4 of Sec. 20
NE 1/4 of SW 1/4 of Sec. 20
NW 1/4 of SE 1/4 of Sec. 20
SW 1/4 of SE 1/4 of Sec. 19
SE 1/4 of SE 1/4 of Sec. 19
SW 1/4 of SW 1/4 of Sec. 20
SW 1/4 of SW 1/4 of Sec. 20
NW 1/4 of NW 1/4 of Sec. 29
NE 1/4 of NW 1/4 of Sec. 29
SW 1/4 of NW 1/4 of Sec. 29
ALL WITHIN T 13 N, R 6 E



TOTAL IRRIGATED
AREA - 275.7 Acres



WATER RIGHT NO
23-807

APPLICATION NO
a16342

PROOF OF APPROPRIATION OF WATER FOR

Falula Farms Incorporated c/o Val Siddoway

DATE
August 23, 1999

SCALE
1" = 2500'

LAR WEST

International Engineering, Inc. North Logan, Utah

SHEET

1 OF 1

SURFACE DAMAGE AND RELEASE AGREEMENT

This Surface Damage and Release Agreement ("Agreement") is made and entered into this 30 day of September, 2014, by and between Clark Sidday ("Owner"), and DOSECC Exploration Services LLC, ("Operator"); sometimes referred to each as a "Party," or collectively as the "Parties."

WITNESSETH:

For and in consideration of the covenants and agreements contained herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

1. **OWNERSHIP.** Owner is the surface owner of certain lands located in Lekah Utah as more specifically described on Exhibit "A" attached hereto ("Lands");

2. **OPERATOR'S OPERATIONS ON THE LANDS.** The Operator may drill or cause to be drilled one or more testing wells on the Lands ("Well"). In order for Operator to drill, construct, complete, maintain, and operate the Well and all facilities associated therewith, including, but not limited to an access road ("Access Road") and a drill pad ("Drill Pad") which would be 200'x2: the exact location of the Drill Pad will be determined with the Owner. The Well is anticipated to be 500ft to 1000ft deep and will be doubled cased to protect the ground water. It will be necessary for the Operator to enter and utilize a portion of the surface of the Lands. The Parties enter into this Agreement to evidence their entire agreement regarding the payment of surface damages, entry, surface use, and any other matters relating to Operator's use of the Lands.

3. **LOCATION.** Operator will consult with Owner regarding the actual location of the Well site and Access Road and certain other Facilities to be constructed on the Lands, none of which will unduly interfere with Owner's existing use of the surface estate. Any material changes to such locations may be made by Operator with the consent of Owner, which will not be unreasonably withheld, but will not unduly interfere with Owner's existing use of the surface estate. Operator agrees not to use any more of the surface of the Lands than is reasonably necessary to conduct its operations.

4. **CONDUCT OF OPERATIONS.** Operator's operations on the Lands will be conducted pursuant to the terms of any applicable leases, this Agreement, and the rules and regulations of the Utah Division of Oil, Gas and Mining (DOGM).

5. **COMPENSATION AMOUNT.** Operator will pay Owner up to the total sum of ten thousand dollars (\$10,000.00) for exclusive access and use of the land for a period of six (6) months from October 1st, 2014 for the Well location and Access Road prior to the commencement of actual construction operations.

6. **PAYMENT SCHEDULE.** Operator will pay Owner as follows: \$2,500 upon signing and then \$1,500 due November 1st, 2014; \$1,500 due December 1st, 2014; \$1,500 due January 1st 2015; \$1,500 due February 1st, 2015; and the final payment of \$1500 due March 1st, 2015.

7. **GEOLOGICAL ASSESSMENT.** During the month of October, 2014 the Operator will perform a geological assessment of the site. The Operator will core a test hole of up to 1,000ft. Operator may decide to suspend this agreement if the geological results of this test are not satisfactory. However, the Owner will retain the \$2,500 initial payment.

8. **ADDITIONAL SURFACE USE PROVISIONS, ACCESS ROADS, FENCES AND FACILITIES.** With respect to its operations on the Lands, Operator and Owner agree to the following provisions:

A. Access:

(i) The Owner agrees to allow the Operator 24 hrs access to the site during the six (6) month period; the Operator will install a gate with a lock to secure the site. The Owner agrees that the Operator will be the exclusive operator of the Well and will not allow third party access without prior written approval from the Operator.

(ii) The Owner acknowledges that operations by the Operator will involve noise and lighting 24 hours a day during January and February.

B. Access Roads and Pipelines:

(i) The Owner allows the Operator to modify the approach and the Access Road will be constructed to allow access for semi trucks and a crane, it will not exceed 20 feet in width and may be up to 0.5 mile long.

(ii) Operator will use its best efforts to insure that all of its vehicles accessing the Lands on its behalf remain on the Access Road and in any event will promptly repair any damage to the lands due to vehicles operating off the Access Road.

(iii) Operator will maintain the Well site and Access Road in good repair and condition and will use its best efforts to control dust from the Access Roads utilized by Operator.

C. Site:

(i) Upon cessation of Operator's operations on the Lands, the Owner agrees to allow the Operator exclusive access to the Well for future work in the same conditions; the Owner agrees to allow the Well to remain as is once the six (6) months lease expires. In addition the Owner agrees not to remove the well unless approval is obtained from the Operator in writing.

D. Other:

(i) The Owner agrees not to hold the Operator responsible for security breaches.

(ii) Operator will obtain all necessary permits for its operations on the Lands.

(iii) Operator shall provide Owner with a map showing the location of the Well and length of the Access Road prior to any construction or drilling activity. Such payment is hereby acknowledged by Owner as full and final consideration for Operator's use of the Lands for the purposes enumerated in this Agreement and for any and all damages caused or created by reason of the reasonable and customary ingress, egress, rights-of-way, drilling, completion and maintenance operations associated with the Well and Access Road. Such damages will include, without limitation, damage to growing crops, cropland, the removal, transportation and care of livestock, re-seeding, construction and use of Access Roads and the preparation and use of the Well site area.

(iv) Operator agrees that all trash, refuse pipe, equipment, liquids, chemicals, or other materials brought on the Lands will be timely removed and disposed away from the Lands after the completion of the Project. No such items will be burned or buried on the Lands. The Owner will inspect the Lands after cleanup and sign off to release the Operator.

9. **DEFAULT AND RIGHT TO CURE.** In the event of alleged default by Operator in the payment of any of the sums hereinabove provided to be made, in obligations to be performed, or any other terms, conditions or covenants of this Agreement, Owner will notify Operator, by certified mail, return receipt requested, of the alleged default. Operator will have 30 business days from receipt of the written notification in which to cure, dispute or otherwise respond to the notification before Owner may allege default.

Except as otherwise agreed in writing, no waiver by Owner of any breach by the Operator of any of its obligations, agreements, or covenants hereunder will be deemed to be a waiver of any subsequent or continuing breach of the same, nor will any forbearance by Owner to seek a remedy for any breach by the Operator be deemed to be a waiver by Owner of its rights or remedies with respect to such breach; however, in no event will Operator be liable for additional payment for reasonably anticipated damages to the Lands caused by Operator's operations, and in no event will Operator be liable for consequential damages.

10. **INDEMNITY/RELEASE.** Operator agrees to indemnify and hold Owner harmless from any and all claims, damages and causes of action arising out of and caused by Operator's operations on the Lands that may be asserted by any of Operator's agents, employees, subcontractors, contractors or persons entering upon the Lands at the request of Operator.

11. **NOTICE FOR ADDITIONAL OPERATIONS.** Operator will comply with "DOGM rules and regulations requiring that advance notice be provided to Owner for subsequent operations on the Well site, including, but not limited to, reworking operations thereon.

12. **NOTICES.** Notice by either Party will be promptly given, orally if possible (with the exception

of the default notice described in Paragraph 7), with subsequent written confirmation sent by United States mail, postage prepaid and addressed to either Party at the address as designated below; or to such other place as either Party may from time to time designate by notice to the other:

Owner

Clark Siddoway
P.O. Box 252
Laketown, UT
84038

Phone: 435-946-8960
E-mail:

Operator

DOSECC Exploration Services LLC
2075 S. Pioneer Road, Suite B
Salt Lake City, UT 84104

Phone: 801-583-2150
E-mail:

13. **BINDING EFFECT.** The covenants and conditions herein contained and all of the provisions of this Agreement will inure to the benefit of and will be binding upon the Parties hereto, their respective heirs, representatives, successors or assigns. Owner agrees to contact any and all tenants of Lands or any other third parties utilizing the surface of the Lands that may be affected by Operator's activities on the Lands. It will be Owner's sole responsibility to advise such third parties of the existence of this Agreement and Operator's right to utilize the surface of the Lands pursuant to this Agreement and for the payment of any consideration, if any, due such third party from Owner.

14. **CONFIDENTIALITY.** The Parties agree to keep the terms and conditions of this Agreement confidential and will not disclose such matters to any third party without the advance written consent of the other, or if ordered to do so in a legal proceeding. While the specific terms hereof are to remain confidential between the Parties, Operator may record a Memorandum of Agreement in Rich County, Utah disclosing only that the parties have entered into a Surface Damage Agreement with provisions for the granting of rights-of-way for a Well site and Access Road, covering the Lands. In the event said Memorandum of Agreement is placed of record, upon termination of this Agreement Operator shall file a notice that this Agreement has terminated.

15. **ENTIRE AGREEMENT.** This instrument contains the entire agreement between the Parties and may not be modified orally or in any other manner other than by agreement in writing signed by all Parties or their respective successors or assigns.

16. **TERM.** This Agreement will remain in full force and effect for so long as Operator has the right to conduct operations on the Lands; provided, however, that the termination of this Agreement will not relieve the Parties from their respective obligations or liabilities arising herein prior to such termination.

17. **COUNTERPARTS.** This Agreement may be executed by facsimile, in counterparts, each of which will be considered an original and enforceable against either Party.

18. **GOVERNING LAW AND VENUE.** This Agreement will be governed by, construed and enforced in accordance with the laws of Utah.

19. **SUCCESSORS.** This Agreement constitutes a covenant running with the Lands and will be binding upon and inure to the benefit of, and be enforceable by, the Parties and their respective successors, administrators, trustees, executors and assigns.

20. **AUTHORITY OF SIGNATORIES.** The signatories below declare, warrant and represent that they have the authority to enter into this Agreement on behalf of their respective principals, if any.

21. **ATTORNEY'S FEES AND COSTS.** The Parties agree that the prevailing Party in any action resulting from a substantial breach of this Agreement will be entitled to its reasonable attorney's fees and costs incurred therein.

IN WITNESS WHEREOF, the Parties have set their hands, the day and year first written above.

DOSECC Exploration Services LLC

By: 

Name: PHILIPPE WYFFELS

Title:

CFO

Owner:

* Chuck Siddoway

EXHIBIT "A"

**Attached to and made a part of Surface Damage and Release Agreement between
XXXXXXX and DOSECC Exploration Services LLC**

**XXXXX
XXXXXXXXXXXX**

Rich County, Utah

- **XXXXXXXXX**

MEMORANDUM OF
SURFACE DAMAGE AND RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

THAT Clark Siddoway whose address is 1505 N. Falula Rd ("Owner") and **DOSECC Exploration Services LLC**, whose address is 2075 S. Pioneer Road, Suite B, Salt Lake City, UT 84104 ("Operator") have entered into a Surface Damage and Release Agreement dated effective as of September 25, 2014 ("Agreement"). Said Agreement is for a Well site and access road easement. The Agreement, which is unrecorded and may be found in the files of Owner and Operator, is adopted herein and made a part hereof by reference to the same full extent as if all its provisions were copied in full in this Memorandum. The lands covered by the Agreement are identified as follows:

Rich County, Utah

• XXXXXXXXXXXXXXXXXXXXXXXXXX

The Agreement shall be binding on and inure to the benefit of Owner and Operator, their respective heirs, administrators, successors and assigns.

The parties hereto have executed this Memorandum as of the dates of the respective acknowledgments.

NOW THEREFORE this Memorandum is place of record for the purpose of giving notice of the Surface Damage and Release Agreement.

Owner

*Clark Siddoway

XXXXXXXX

Operator

[Signature]
DOSECC Exploration Services, LLC

utah
STATE OF ~~COLORADO~~)
Rich) §
COUNTY OF ~~MONTEZUMA~~)

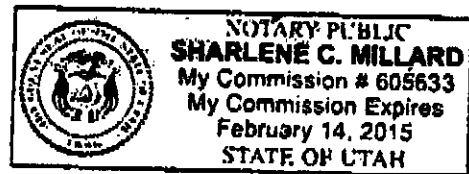
Clark Siddoway

Before me, the undersigned, a Notary Public, within the aforesaid County and State, on this 30th day of September 2011, personally appeared ~~XXXXXXXXXX~~ to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth and in the capacity herein stated.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.

Sharlene C. Millard
Notary Public:

My Commission Expires: Feb. 14, 2015



STATE OF UTAH)
Rich) §
COUNTY OF ~~CACHE~~)

LT

Philippe Alain Wyffels

Before me, the undersigned, a Notary Public, within the aforesaid County and State, on this 30 day of September, 2011, personally appeared ~~XXXX-XXXX~~ for DOSECC Exploration Services, LLC, known to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.

WAD T. [Signature]
Notary Public

My Commission Expires: February 07, 2016.

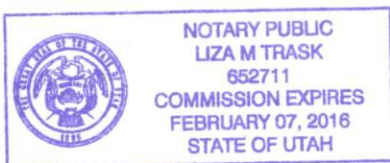
INDIVIDUAL ACKNOWLEDGMENT

State/Commonwealth of Utah }
 County of SALT LAKE } ss.

On this the 30 day of September, 2014, before
 me, LIZA TRASK, the undersigned Notary
Day Month Year
 Name of Notary Public
 Public, personally appeared Philippe Alain Wyffels,
 Name(s) of Signer(s)

☐ personally known to me – OR –

☒ proved to me on the basis of satisfactory
 evidence



to be the person(s) whose name(s) is/are
 subscribed to the within instrument, and
 acknowledged to me that he/she/they
 executed the same for the purposes therein
 stated.

WITNESS my hand and official seal.

Liza Trask
 Signature of Notary Public

Other Required Information (Printed Name of Notary, Residence, etc.)

Place Notary Seal and/or Any Stamp Above

OPTIONAL

Although the information in this section is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

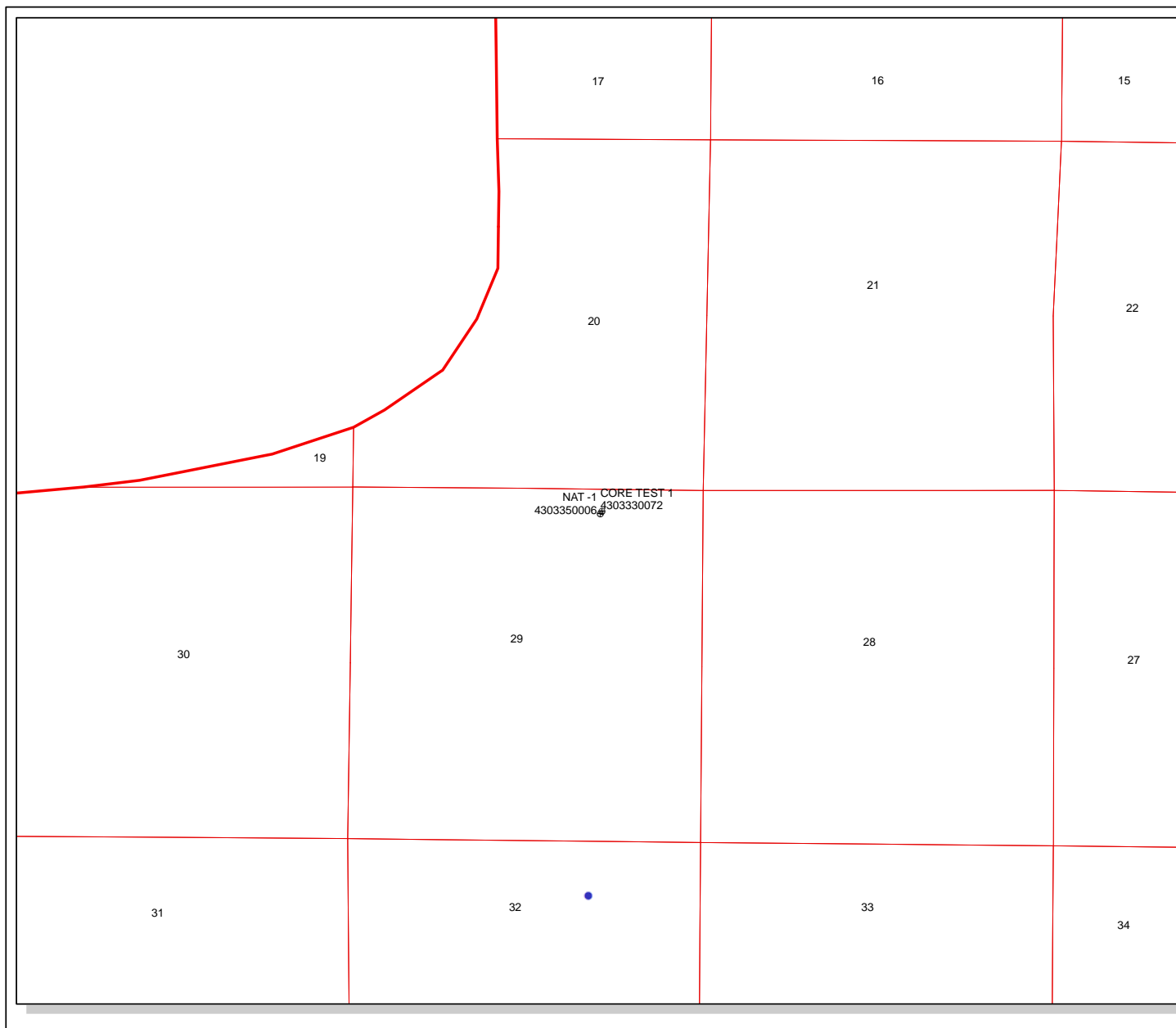
Title or Type of Document: Surface Damage And Release Agreement.

Document Date: 09/30/2014 Number of Pages: 7

Signer(s) Other Than Named Above: Clark Siddoway.

**Right Thumbprint
of Signer**

Top of thumb here



API Number: 4303350006

Well Name: NAT -1

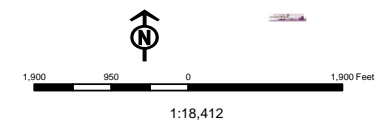
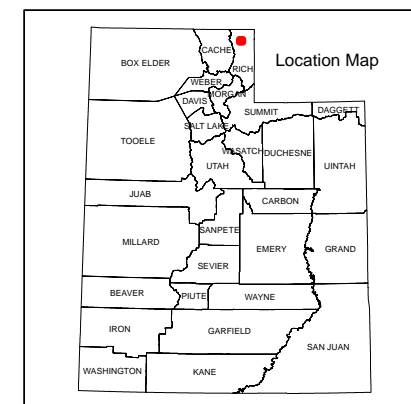
Township: T13.0N Range: R06.0E Section: 29 Meridian: S

Operator: DOSECC EXPLORATION SERVICES, LLC

Map Prepared: 12/4/2014
Map Produced by Diana Mason

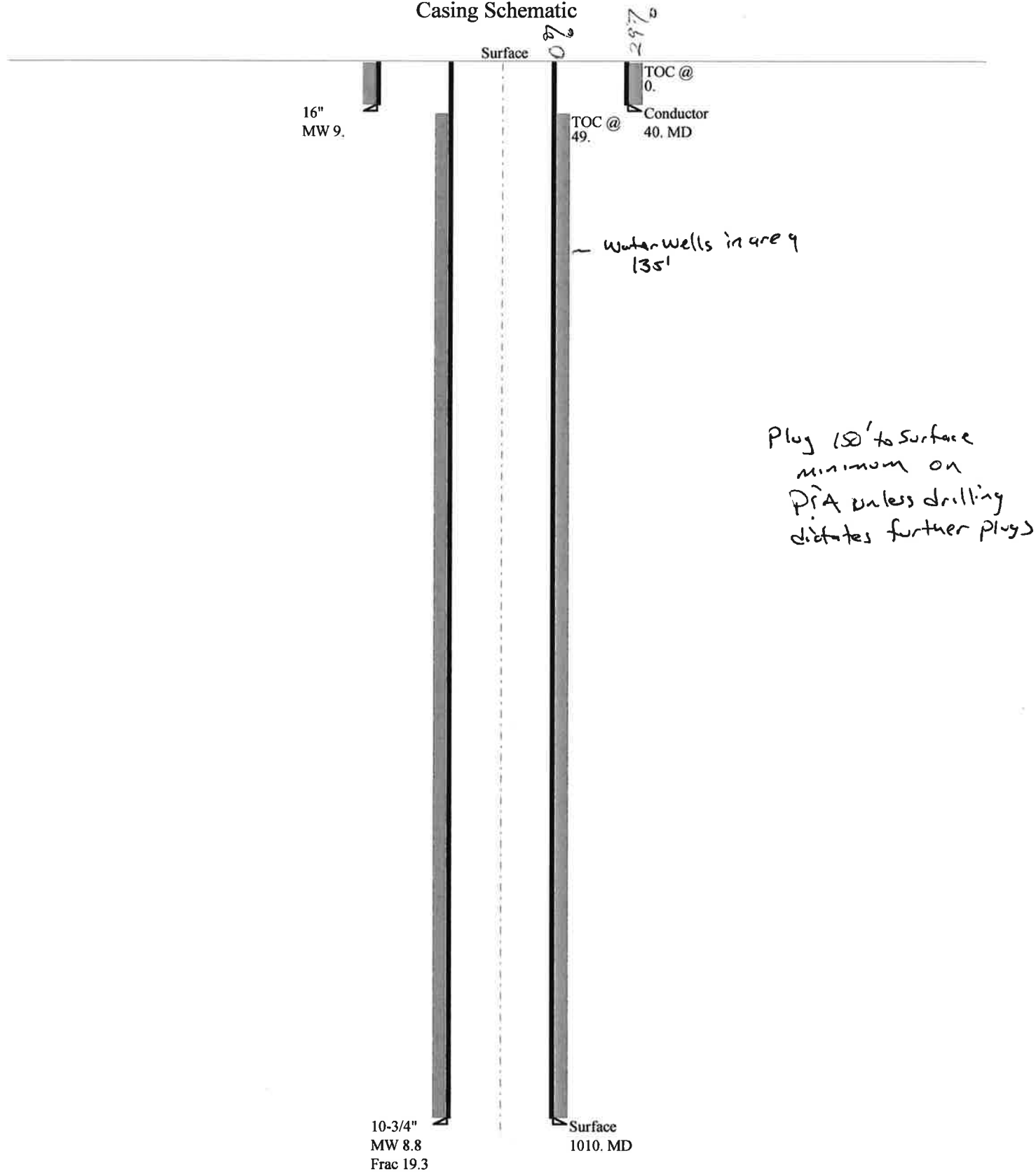
Wells Query		Units	
Status		STATUS	
APD - Approved Permit		ACTIVE	
DRL - Spudded (Drilling Commenced)		EXPLORATORY	
GIW - Gas Injection		GAS STORAGE	
GS - Gas Storage		NF PP OIL	
LOC - New Location		NF SECONDARY	
OPS - Operation Suspended		PI OIL	
PA - Plugged Abandoned		PP GAS	
PGW - Producing Gas Well		PP GEOTHERML	
POW - Producing Oil Well		PP OIL	
SGW - Shut-in Gas Well		SECONDARY	
SOW - Shut-in Oil Well		TERMINATED	
TA - Temp. Abandoned			
TW - Test Well			
WDW - Water Disposal			
WW - Water Injection Well			
WSW - Water Supply Well			

Fields	
STATUS	
Unknown	
ABANDONED	
ACTIVE	
COMBINED	
INACTIVE	
STORAGE	
TERMINATED	



43033500060000 NAT-1

Casing Schematic



Well name:	43033500060000 NAT-1		
Operator:	HEWITT OPERATING, INC		
String type:	Conductor	Project ID:	43-023-30020
Location:	JUAB	COUNTY	

Design parameters:**Collapse**

Mud weight: 9.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 75 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure: 14 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 19 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 35 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	40	16	75.00	K-55	Buttress	40	40	14.999	888

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	19	1020	54.542	19	2630	140.63	3	1177.7	99.99 B

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 11, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 40 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43033500060000 NAT-1		
Operator:	HEWITT OPERATING, INC		
String type:	Surface	Project ID:	43-023-30020
Location:	JUAB COUNTY		

Design parameters:**Collapse**

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 49 ft

Burst

Max anticipated surface pressure: 341 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 462 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 880 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 1,011 ft
Next mud weight: 8.800 ppg
Next setting BHP: 462 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,010 ft
Injection pressure: 1,010 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1010	10.75	40.50	K-55	ST&C	1010	1010	9.925	10372

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	462	1580	3.422	462	3130	6.77	40.9	450	11.00 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: December 11, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1010 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/25/2014

API NO. ASSIGNED: 43033500060000

WELL NAME: NAT -1

OPERATOR: DOSECC EXPLORATION SERVICES, LLC (N4170)

PHONE NUMBER: 801 538-2150

CONTACT: Dennis L. Nielson

PROPOSED LOCATION: NWNE 29 130N 060E

Permit Tech Review: ☒

SURFACE: 0363 FNL 1545 FEL

Engineering Review: ☒

BOTTOM: 0363 FNL 1545 FEL

Geology Review: ☒

COUNTY: RICH

LATITUDE: 41.84525

LONGITUDE: -111.29006

UTM SURF EASTINGS: 475920.00

NORTHINGS: 4632635.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: private

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE/FEE - 9098309369☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: municipal☐ RDCC Review:☐ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: N/A

Effective Date:

Siting:

☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 9 - Cement casing to Surface - ddoucet
20 - Plug & Abandon - ddoucet
22 - Rigskid - bhil

RECEIVED: December 15, 2014



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: NAT -1

API Well Number: 43033500060000

Lease Number: private

Surface Owner: FEE (PRIVATE)

Approval Date: 12/15/2014

Issued to:

DOSECC EXPLORATION SERVICES, LLC, 2075 S. Pioneer Rd., Salt Lake City, UT 84104

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of N/A. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Upon completion of evaluation, the well shall be plugged and abandoned. A sundry request detailing the proposed plan should be submitted to the Division for approval. At a minimum, the inner hanging string shall be removed and a 150' cement plug placed from 150' back to surface. Depending on what is encountered during drilling and what changes are made to well construction, additional plugs may be necessary.

The cement volumes for the 10 3/4" casing shall be determined from actual hole conditions and the setting depth of the casing in order to place cement from the pipe setting depth back to the surface.

All conditions of approval in the Statement of Basis and RDCC comments from original well permit will also apply to the new well.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

Approved By:

A handwritten signature in black ink, appearing to read 'J. Rogers', written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: private
1. TYPE OF WELL Test Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: DOSECC EXPLORATION SERVICES, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 2075 S. Pioneer Rd. , Salt Lake City, UT, 84104		8. WELL NAME and NUMBER: NAT -1
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0363 FNL 1545 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 29 Township: 13.0N Range: 06.0E Meridian: S		9. API NUMBER: 43033500060000
PHONE NUMBER: 801 538-2150 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: RICH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 1/8/2015	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Auger 22" hole to 40 feet. Run 18-5/8" casing and cement. Drilling scheduled to start on 1/19/15 contingent on arrival of casing.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 09, 2015		
NAME (PLEASE PRINT) Dennis L. Nielson	PHONE NUMBER 801 538-2150	TITLE President
SIGNATURE N/A	DATE 1/8/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: private
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Test Well	8. WELL NAME and NUMBER: NAT -1	
2. NAME OF OPERATOR: DOSECC EXPLORATION SERVICES, LLC	9. API NUMBER: 43033500060000	
3. ADDRESS OF OPERATOR: 2075 S. Pioneer Rd. , Salt Lake City, UT, 84104	PHONE NUMBER: 801 538-2150 Ext	9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0363 FNL 1545 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 29 Township: 13.0N Range: 06.0E Meridian: S	COUNTY: RICH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/25/2015			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On Aug 21 and Aug 22 2015, the inner 5.5" casing was pulled and removed from the 10" outer casing set. The 5.5" casing was cut up and recycled. On Aug 24 2016 10 cy of 5 bag concrete was delivered to the NAT site by LeGrand Johnson Concrete (See attached invoice) and placed into the 10.75" outer casing to the surface. With the 10.75" casing TD set at 455', the required voume to P&A is 248.2 ft^3, or 9.2 cubic yards. The site was cleared, cleaned and turned back to the land owner.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Please Review Attached Conditions of Approval
February 09, 2016

NAME (PLEASE PRINT) Dennis L. Nielson	PHONE NUMBER 801 538-2150	TITLE President
SIGNATURE N/A		DATE 1/14/2016



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43033500060000

24 hour prior notice of plugging and abandonment operations was not given as required. Post inspections will be conducted when weather conditions improve to see if any further abandonment work is necessary. Future plugging and abandonment operations should be noticed prior to commencing work and witnessed by DOGM.



INVOICE

REMIT PAYMENT TO:

LeGrand Johnson
PO Box 869
Magna, UT 84044
801-250-0132

Pay Terms Due Upon Receipt

Invoice #: 223744
Date: 08/25/15
Customer No: 20001
Order ID #:
PO #:

Sold To: CASH ACCOUNT - BEAR LAKE RM

Delivered To:
ABOVE VAL SYDAWAYS EAST SHORE

Material	Ticket	Units	UM	Unit Price	Matl Total	Haul Total	TaxCd	Tax	Total
JOB # / PO # / 842									
4505003 5 BAG W/AEA	81000050	10.00	CY	97.00 E	970.00	0.00	17-000	57.72	1,027.72
DELIVERY DELIVERY	81000050	10.00	CY	30.00 E	300.00	0.00	00	0.00	300.00
Total :					1,270.00	0.00		57.72	1,327.72
Total Invoice:	10.00	CY			1,270.00	0.00		57.72	1,327.72

Payment Type: On Account

Total: 1,327.72

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Wildcat</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: DOSECC Exploration Services		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 2075 So. Pioneer Rd. STE B CITY Salt Lake City STATE Ut ZIP 84104		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 363FNL 1545FEL		8. WELL NAME and NUMBER: NAT-1
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 29 13N 6E S		9. API NUMBER: 4303350006
		10. FIELD AND POOL, OR WILDCAT: WildCat
		COUNTY: Rich
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 8/25/2016	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	_____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On Aug 21 and Aug 22 2015, the inner 5.5" casing was pulled and removed from the 10" outer casing set. The 5.5" casing was cut up and recycled. On Aug 24 2016 10 cy of 5 bag concrete was delivered to the NAT site by LeGrand Johnson Concrete (See attached invoice) and placed into the 10.75" outer casing to the surface. With the 10.75" casing TD set at 455', the required voume to P&A is 248.2 ft^3, or 9.2 cubic yards.

The site was cleared, cleaned and turned back to the land owner.

NAME (PLEASE PRINT) <u>C. Delahunty</u>	TITLE <u>Dir of Ops</u>
SIGNATURE _____	DATE <u>1/14/2016</u>

(This space for State use only)

INSTRUCTIONS

This form shall be submitted by the operator to show the intention and/or completion of the following:

- miscellaneous work projects and actions for which other specific report forms do not exist;
- all other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:
 - minor deepening of an existing well bore,
 - plugging back a well,
 - recompleting to a different producing formation within an existing well bore (intent only),
 - reperfing the current producing formation,
 - drilling a sidetrack to repair a well,
 - reporting monthly the status of each drilling well.

This form is not to be used for proposals to

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepen existing wells below their current bottom-hole depth,
- drill horizontal laterals from an existing well bore,
- drill hydrocarbon exploratory holes such as core samples and stratigraphic tests.

Use Form 3, Application for Permit to Drill (APD) for such proposals.

NOTICE OF INTENT - A notice of intention to do work on a well or to change plans previously approved shall be submitted in duplicate and must be received and approved by the division before the work is commenced. The operator is responsible for receipt of the notice by the division in ample time for proper consideration and action. In cases of emergency, the operator may obtain verbal approval to commence work. Within five days after receiving verbal approval, the operator shall submit a Sundry Notice describing the work and acknowledging the verbal approval.

SUBSEQUENT REPORT - A subsequent report shall be submitted to the division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

WELL ABANDONMENT - Proposals to abandon a well and subsequent reports of abandonment should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, and method of parting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, **Form 8, Well Completion or Recompletion Report and Log** must be submitted to the division to report the results of the following operations:

- completing or plugging a new well,
- reentering a previously plugged and abandoned well,
- significantly deepening an existing well bore below the current bottom-hole depth,
- drilling horizontal laterals from an existing well bore,
- drilling hydrocarbon exploratory holes such as core samples and stratigraphic tests,
- recompleting to a different producing formation.

Send to:

Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:

9. API NUMBER:



10 FIELD AND POOL, OR WILDCAT

11. QTR/QTR, SECTION, TOWNSHIP, RANGE,
MERIDIAN:

12. COUNTY

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____b. TYPE OF WORK:
NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER _____

2. NAME OF OPERATOR:

3. ADDRESS OF OPERATOR:

CITY

STATE

ZIP

PHONE NUMBER:

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE:

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH:

14. DATE SPUDDED:

15. DATE T.D. REACHED:

16. DATE COMPLETED:

ABANDONED ☐READY TO PRODUCE ☐

17. ELEVATIONS (DF, RKB, RT, GL):

18. TOTAL DEPTH: MD
TVD19. PLUG BACK T.D.: MD
TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

23.

WAS WELL CORED? NO ☐ YES ☐ (Submit analysis)WAS DST RUN? NO ☐ YES ☐ (Submit report)DIRECTIONAL SURVEY? NO ☐ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A)				
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES ☐ NO ☐ IF YES -- DATE FRACTURED: _____

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

31. INITIAL PRODUCTION**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) _____ TITLE _____

SIGNATURE _____ DATE _____

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

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